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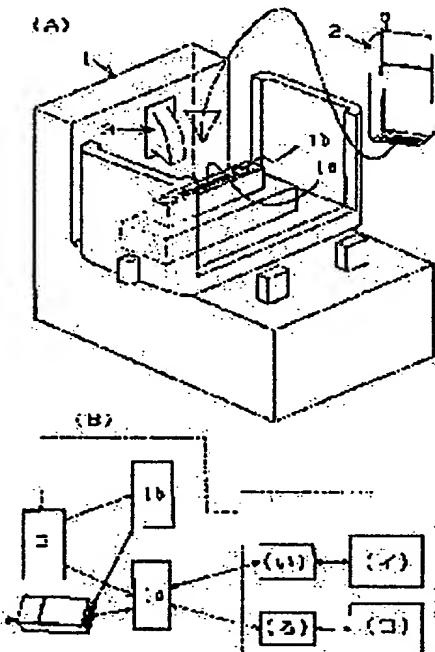
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(54) DATA MEMORY BACKUP SYSTEM FOR STORAGE MEDIUM FOR PORTABLE TELEPHONE, PHS OR THE LIKE

(57)Abstract:

PROBLEM TO BE SOLVED: To leave as many data for a user as possible, even when a portable information terminal is missing or defective by backing up the data only locally by the user itself and providing the form of the data daily available in use.

SOLUTION: In this data memory backup system, a charger 1 is designed, such that a charging terminal of a portable information terminal (mobile phone) is connected to a data connector, in response to charging of the portable information terminal to start charging, and a button provided to the charger is used to selectively back up data to a plurality of memories. The data are being backed up during the charging. After such a similar selection the data backed up in the charger are 'restored' back to the mobile information terminal. The data backed up from the portable information terminal to the charger can be entered by using an image pickup element, while using a display menu of the portable information terminal as is, and the data can be backed up independently of the difference between data storage protocols for different models.



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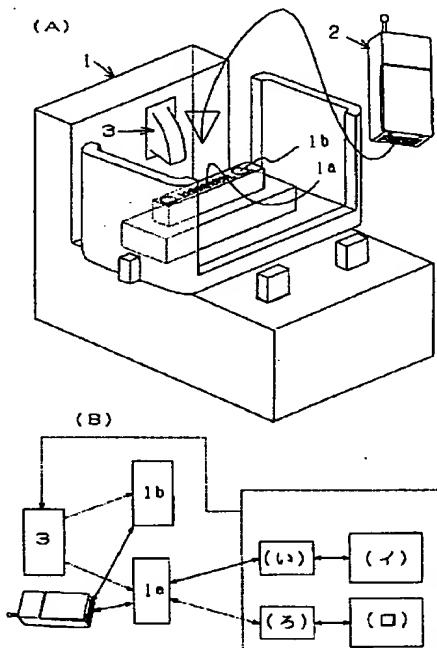
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(54)【発明の名称】携帯電話、PHS等の記憶媒体用データメモリバックアップシステム

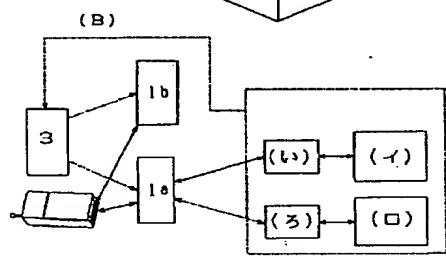
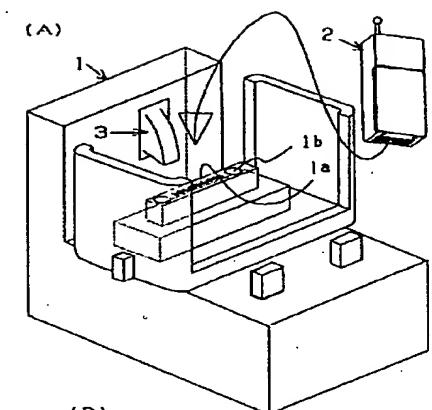
(57)【要約】 (修正有)

【課題】データのバックアップは利用者自身の手元のみで行い、しかも毎日利用しやすい形態を提供して、可能な限り利用者のデータが装置の紛失や故障の際にも残るようにする。

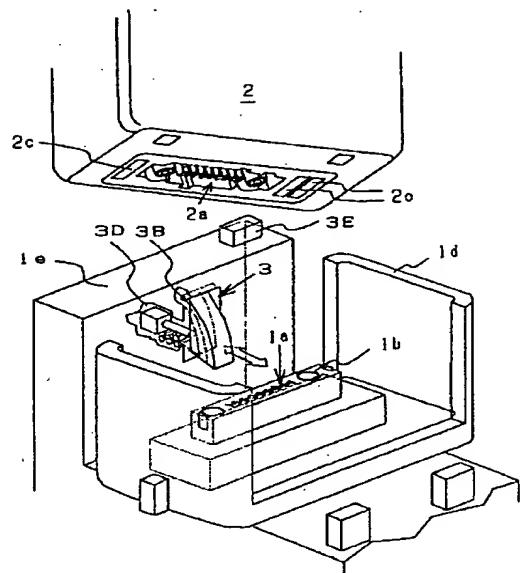
【解決手段】携帯型情報端末の充電動作に応じて携帯電話の充電端末と、データ用コネクタが接続され、充電開始作業が始まるように充電器1を形成し、充電器1に設けられたボタンにより、充電器内に設けた複数のメモリへ選択的にバックアップができる。バックアップ作業は、充電動作中に行う。次に、同様の選択動作を行ってから充電器側に蓄積されたデータを戻すリストア作業を行い、携帯型情報端末側に蓄積されたデータを戻すリストア作業を行い、携帯型情報端末から充電器側へ記録させるデータは、携帯型情報端末の表示画面をそのまま撮像素子で入力が可能で、機種違いデータ蓄積プロトコルの相違に影響なくデータを保存できる。



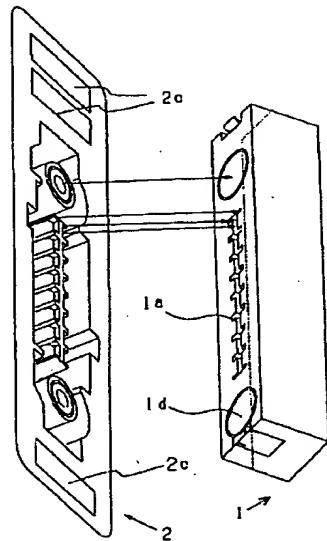
【図1】



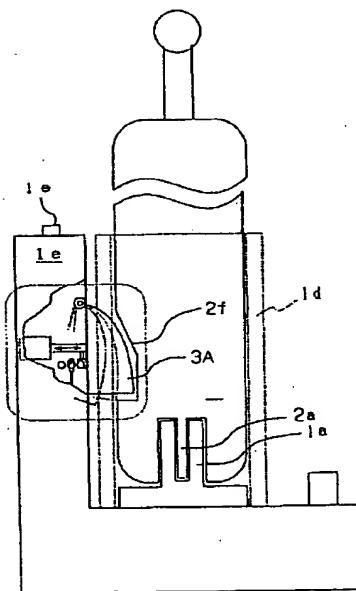
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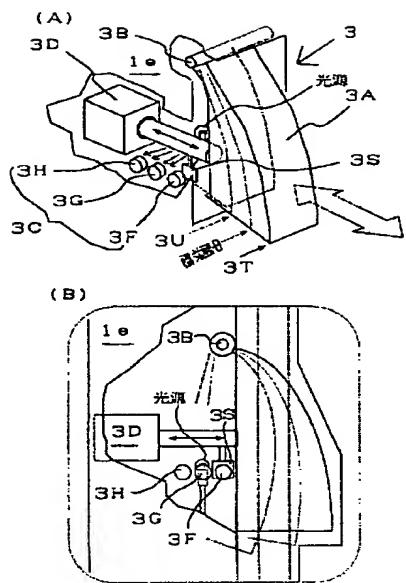
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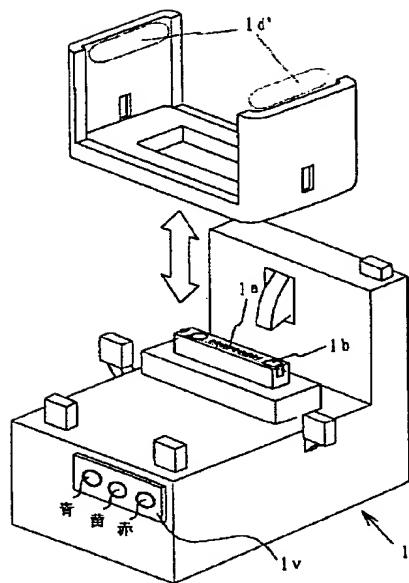
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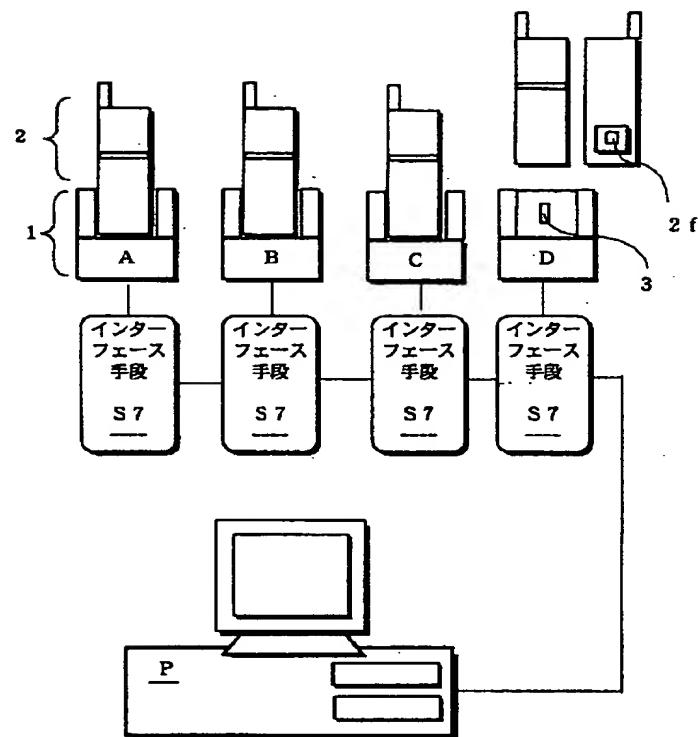
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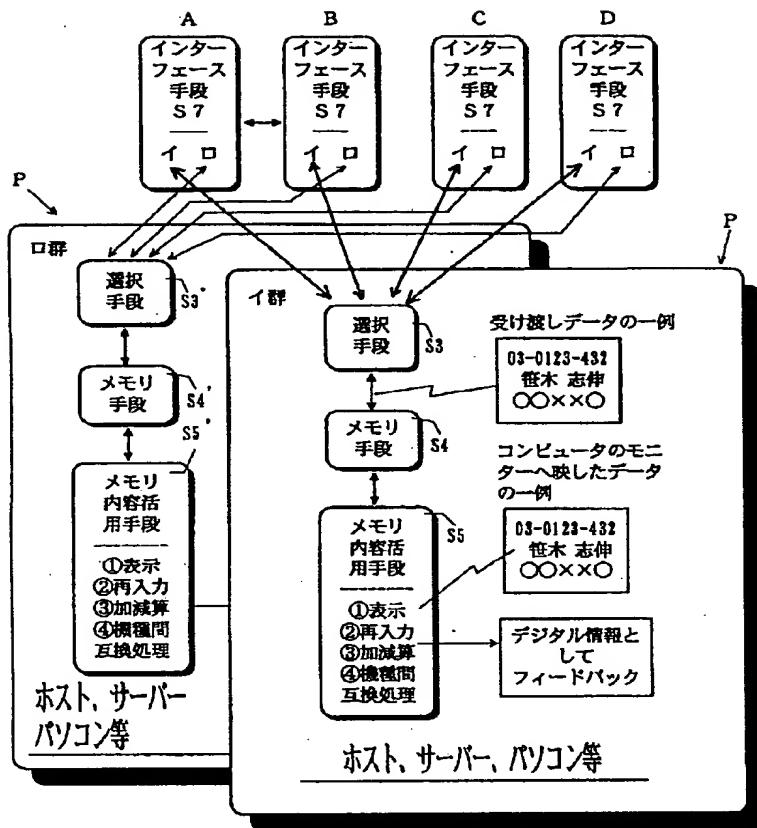
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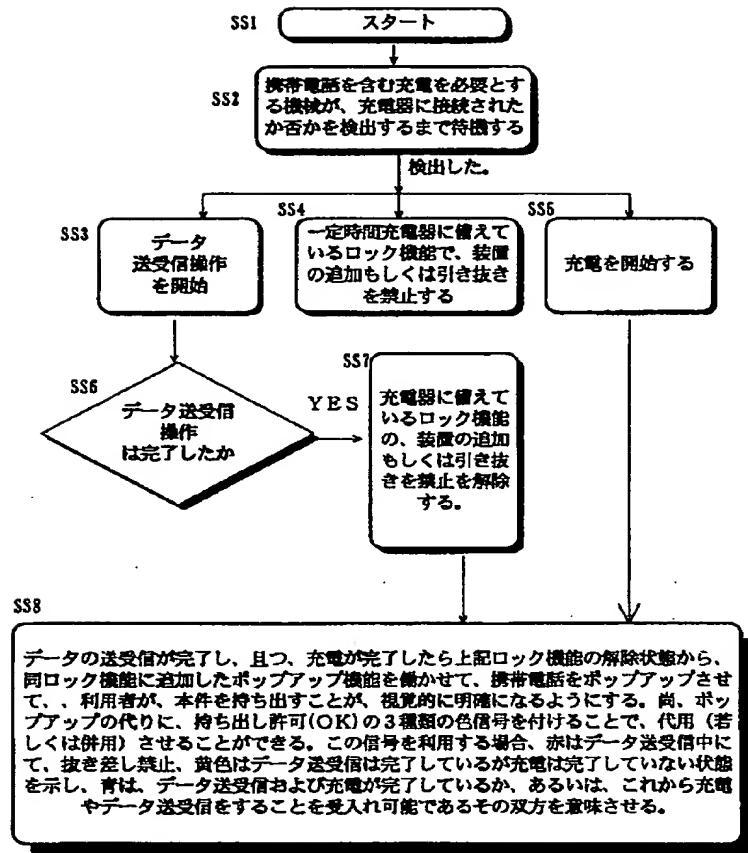
【図7】



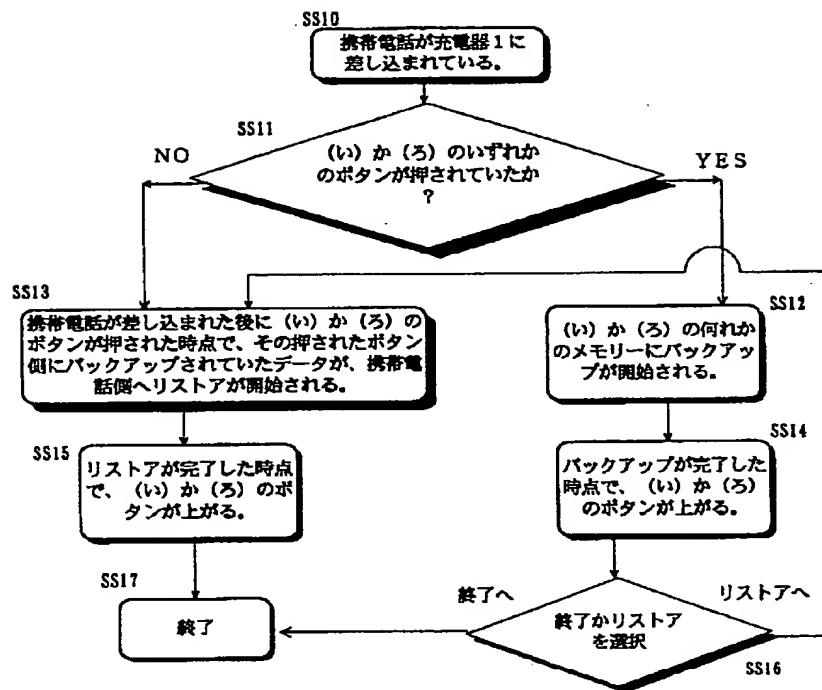
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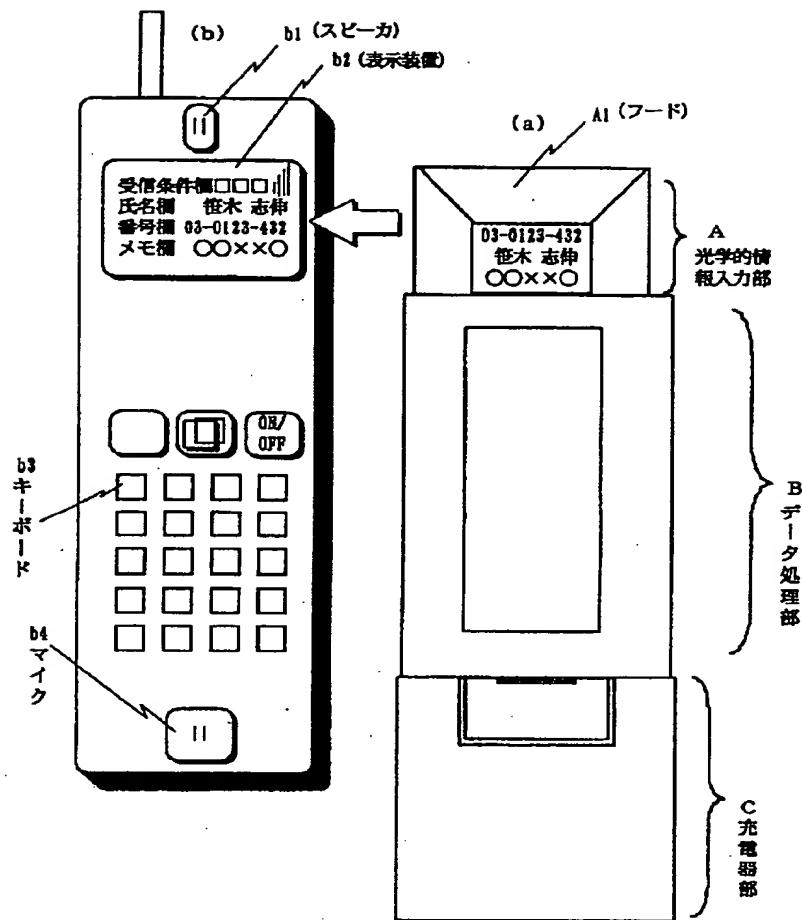
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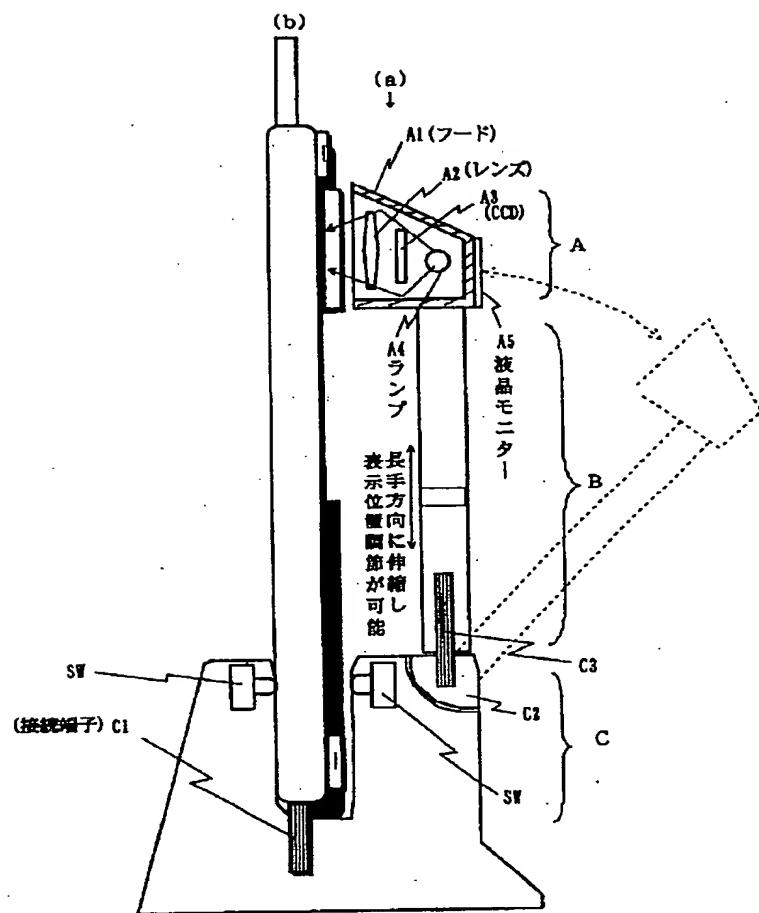
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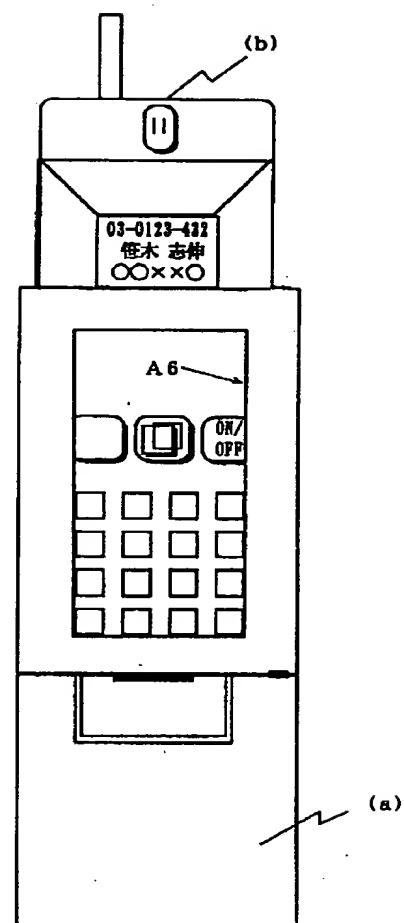
【図11】



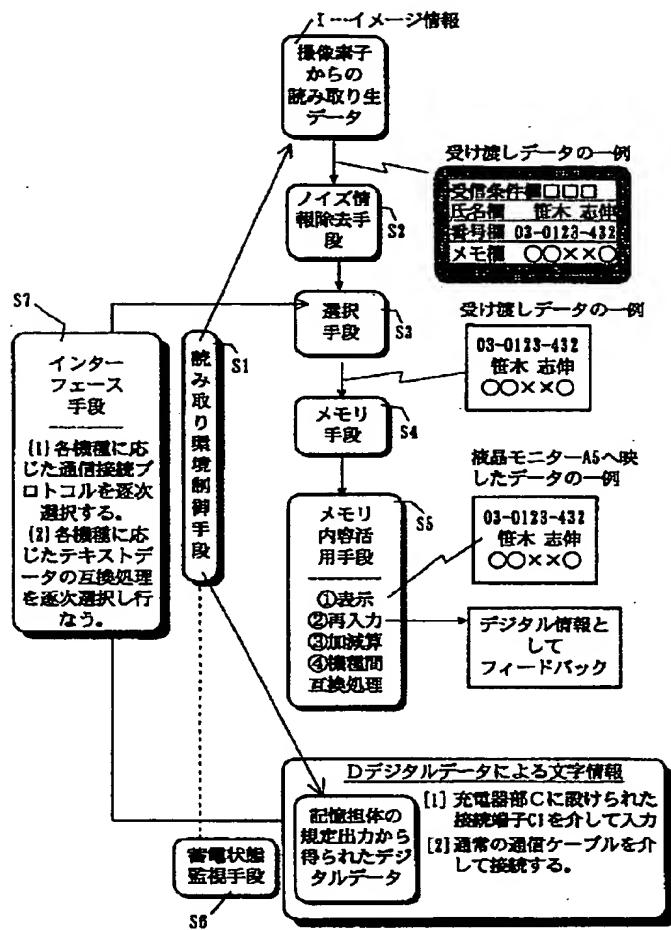
【図12】



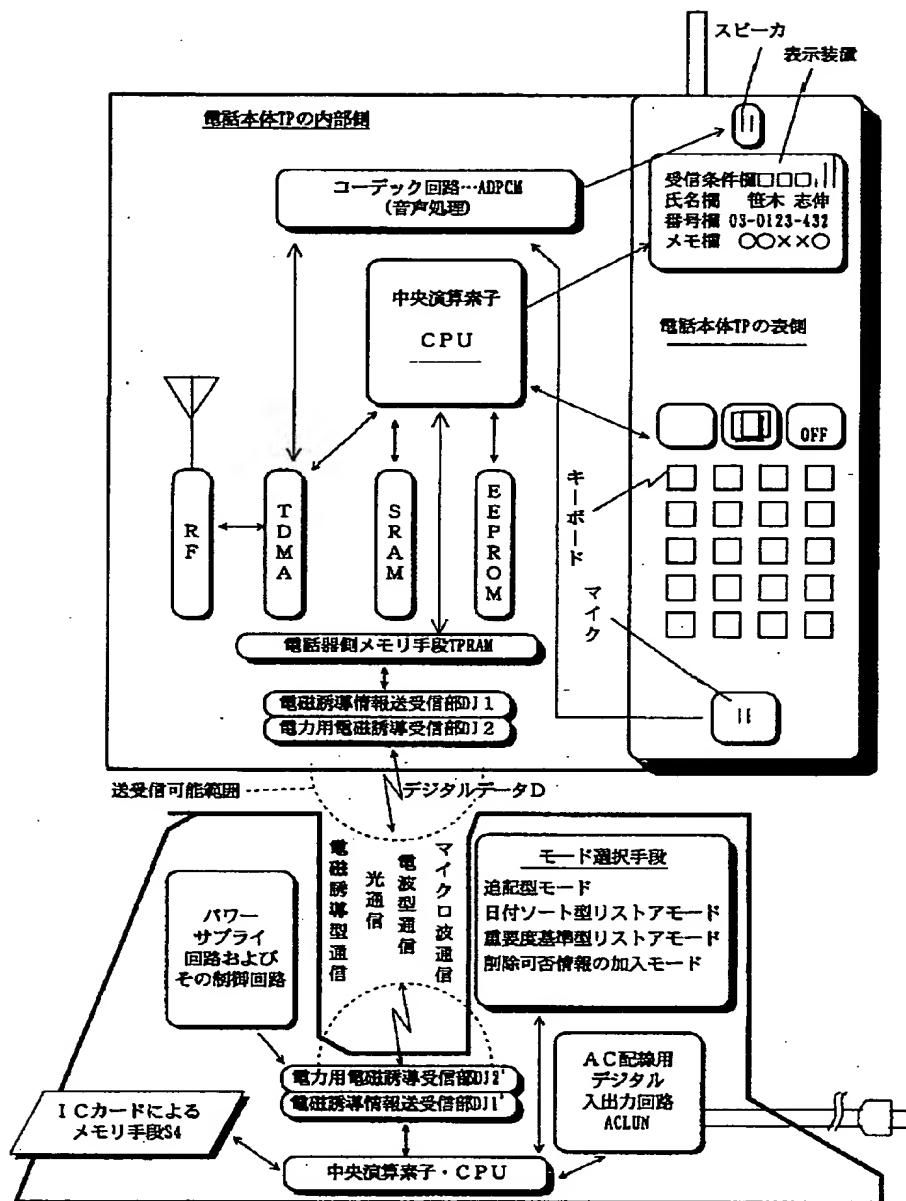
【図13】



【図14】



【図15】



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